

August 15, 1979

For: The Commissioners
From: T. A. Rehm, Assistant to the Executive Director for Operations
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING AUGUST 10, 1979

A summary of key events is included as a convenience to those Commissioners who may prefer a condensed version of this report.

<u>Contents</u>	<u>Enclosure</u>
Administration	A
Nuclear Reactor Regulation	B
Standards Development	C
Nuclear Material Safety and Safeguards	D
Inspection and Enforcement	E
Nuclear Regulatory Research	F*
Executive Legal Director	G
International Programs	H
State Programs	I
Management and Program Analysis	J
Controller	K
Calendar of Significant Events	L
Items Approved by the Commission	M**
Calendar of Speaking Engagements	N



T. A. Rehm, Assistant to the
Executive Director for Operations

Contact:
T. A. Rehm
49-27781

790822-0336

347 223

*No input this week.

**Deleted from Commissioners and PDR copy.

SUMMARY OF KEY EVENTS
Week Ending August 10, 1979

Point Beach, Units 1 and 2

On August 2, NRR issued the initial fire protection SER (Amendments 39 and 44). The amendments require certain plant modifications to enhance the fire detection and suppression capabilities. Several items will require supplemental review.

Peach Bottom, Units 2 and 3

IE identified deficiencies in 15 pipe supports, 8 of which affect emergency cooling water to the diesel generators. After meeting with the licensee, IE issued an Immediate Action Letter requiring reevaluation and hardware modification. On August 7, the licensee completed these modifications.

Turkey Point, Units 3 and 4 and Hatch, Unit 2

On August 3, all three units tripped from full power. Turkey Point Unit 4 was tripped by a voltage spike, seconds later Unit 3 was tripped by high reactor coolant pressure, and at about the same time Hatch, Unit 2 was tripped likely by the power surge from Turkey Point's trips. These multiple trips caused a black-out for about 20 minutes affecting about 100,000 customers. At the time, St. Lucie and Crystal River, Unit 3 were on line and did not trip.

On August 3, the ASLB ordered that the untimely petition for hearing on the Steam Generator repair program should be granted. Subjects considered acceptable for litigation are: (1) preparation of an environmental impact statement, (2) protection of the stored assemblies from floods, (3) occupational exposure, and (4) liquid radioactive discharges due to the repair program.

Safeguards Consolidation

NRR and NMSS have agreed to a schedule for transferring all reactor safeguards activities to NMSS. The transfer will be coordinated during the next six weeks with NMSS assuming responsibilities by October 1, 1979. A transition team has been formed within the Division of Safeguards, NMSS to implement the agreement.

White Mesa Uranium Mill Licensed

On August 7, NMSS issued a source material license to Energy Fuels Nuclear, Inc. The license authorizes processing of uranium ore at the proposed mill to be located near Blanding in San Juan County, Utah.

Emergency Preparedness

On August 9, NRC (SP and RES) and EPA briefed the ACRS on the recommendations of the NRC/EPA Task Force on Emergency Planning. Also discussed was a proposed policy statement on these recommendations.

Seismic Qualification System

MPA established a data base to provide information on seismic qualification of mechanical and electrical equipment. The data will be used in seismic qualification reviews, Phase 2 of the Systematic Evaluation and LER evaluation.

OFFICE OF ADMINISTRATION

Week Ending August 10, 1979

ADMINISTRATION OF THE FREEDOM OF INFORMATION ACT

STATUS OF REQUESTS

	<u>Initial Request</u>	<u>Appeal of Initial Decision</u>
Received	348	25
Granted	214	5
Denied	54	10
Pending	80	10

ACTIONS THIS WEEK

Received

Edwin I. Malet
(79-302) Requests six closed Commission meeting transcripts.

Andrew B. Reid
(79-303) Requests information concerning Union Carbide's license to possess and transport uranium ore through Wyoming.

Thomas M. Kumpuris,
Harper-Grace Hospitals
(79-304) Requests a copy of a letter dated June 18, 1979 concerning allegations made against Harper-Grace Hospitals' radiation safety practices.

Alfred C. Coleman
(79-305) Requests the 1st and 2nd-quarter radiation exposure reports for Three Mile Island.

Alfred C. Coleman
(79-306) Requests all radiological monitoring reports for Peach Bottom Units 2 and 3, and the 1st and 2nd-quarter reports on exposure of station personnel.

Edward H. Fox,
Attorney-At-Law
(79-307) Requests all documents relating to investigation report 50-244/74-01.

(NRC employee)
(79-308) Requests all data pertaining to the audit of his position from the time of the initiation of the Damans report until the final determination by the Commission.

Warren Olney,
NBC News
(79-309) Requests 13 categories of documents, mostly from docket files, to assist in research for a series of stories.

CONTACT: J. M. Felton
492-7211

847 225
ENCLOSURE A

Received, Cont'd

James C. Price,
Woodward-Clyde Consultants
(79-310)

Requests the non-proprietary portions of the technical proposal for RFP-RS-NMS-79-029.

Lyn M. Snyder
(79-311)

Requests the locations, present and proposed, for storage of nuclear wastes, and a listing of proposed locations for nuclear power plants.

Kathy Roach,
Malcolm Pirnie, Inc.
(79-312)

Requests four categories of information relating to meteorological data collected from Consolidated Edison's facility at Indian Point.

Tom Keenan,
The Washington Monitor
(79-313)

Requests copies of certain NRC mailing lists.

Christopher H. Buckley,
Attorney-At-Law
(79-314)

Requests all documents during the period from January 1, 1976 to the present relating to the export license applications submitted by Westinghouse Electric Corporation concerning the Philippine Power Reactor Project.

Andrew W. Forsyth, III
(79-315)

Requests information regarding the license for use of special nuclear material at the Turkey Point facility; consistency between NRC and DOE licensing procedures; and questions about the "power NRC has concerning DOE shipments.

(An individual requesting
information about himself)
(79-316)

Requests all information concerning his Reactor Operator License.

Jim Wright,
Argonaut
(79-317)

Requests all information concerning the operation of experimental atomic devices and storage of atomic material on or around the University of Idaho campus.

John Raymond,
Murv Glass,
Common Ground
(79-A-19-79-272)

APPEAL TO THE EDO the denial of portions of five documents relating to Karen Silkwood.

Granted

Jack D. Novik,
American Civil
Liberties Union
(79-172)

Informed the requester that the NRC has no documents relating to individuals or groups who have expressed opposition to government or utility energy policies or practices.

847 226

ENCLOSURE A

Granted, Cont'd

Betty Hauser,
The Lorain Journal
(79-181)

In response to a request for records concerning the reactor operators at the Davis-Besse Nuclear Plant 1, made available this information.

Michael C. Jenks
(79-205)

In response to a request for documents pertaining to the importation into the U.S., and disposal here, of nuclear waste materials from foreign countries, made available five documents.

Lawrence W. Skinner
(79-250)

In response to a request for information related to nuclear energy engineering, made available six documents.

Max McDowell,
The Emporia Gazette
(79-252)

In response to a request for correspondence between NRC and Rolland Hamm, NRC consultant, between October 1978 and July 3, 1979, made available six documents.

Citizens for a
Non-Nuclear Future
(79-253)

In response to a request to be placed on a mailing list for NRC publications, informed the requester that the FOIA does not apply to records which are to be created at a future date. Made arrangements for the Citizens for a Non-Nuclear Future to be placed on mailing lists for "Weekly Press Releases," "Proposed Rules," and the "Monthly Listing of NRC Publicly Available Documents."

James R. Lande,
Attorney-At-Law
(79-254)

In response to requests for the winning contract proposal for RS-OSD-79-002 issued by the NRC, informed the requesters that this contract has not yet been awarded.

and

Janice Pydych,
National Evaluation
Systems, Inc.
(79-259)

In response to a referral from the Department of Justice of documents relating to the alleged withholding of information concerning nuclear plants operated by VEPCO, made available these documents.

June Allen,
North Anna Environmental
Coalition
(79-269)

Gary Howard Simpson,
Attorney-At-Law
(79-270)

In response to a request for documents regarding the FY 79 budget on training and travel for ADM, I&E, and RES as of June 15, 1979, and data on promotions in the Office of Administration for FY 79, made available this information.

847 227

Granted, Cont'd

Joan McMahan,
Safe Alternatives for
Future Energy
(79-271)

In response to a request for documents relating to possible construction of nuclear plants in Virginia or West Virginia by the Appalachian Power Company or General Electric Power Company during the next 15 years, made available nine documents.

Emojean Kerber Girard,
Attorney-At-Law
(79-277)

In response to a request for all correspondence between the NRC and the Arizona Atomic Energy Commission regarding the delegation of authority for nuclear matters, made available three documents.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-278)

Made available two documents relating to or mentioning [a named person].

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-279)

Informed the requester that the NRC has no documents relating to or mentioning the organization known as Project Survival.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-280)

Informed the requester the NRC has no information pertaining to [a named person] in its personnel, security, or radiation exposure records.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-281)

Informed the requester the NRC has no information pertaining to [a named person] in its personnel, security, or radiation exposure files.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-282)

Informed the requester that the NRC has no documents relating to or mentioning the organization known as People Against Nuclear Power.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-284)

Made available five documents relating to or mentioning [a named person].

Matthew B. Bogin,
Attorney-At-Law
(79-287)

In response to a referral from the Department of Energy of two documents relating to the Philippines reactor, made available these documents.

847 228

ENCLOSURE A

Granted, Cont'd

Joan Loftus,
The Stanford University
Libraries
(79-292)

In response to a request for a copy of "Barrier Penetration Database," informed the requester that a copy of this document is available for purchase at the National Technical Information Service.

Alletta d'A. Belin,
Center for Law in
the Public Interest
(79-293)

Informed the requester that the NRC has no documents relating to or mentioning the organization known as Abalone Alliance.

Tom Blodget
(79-297)

In response to a request for all testimony related to the Three Mile Island Nuclear Generating Station Unit 2 incident, informed the requester that these records are available in the PDR.

P. Taylor,
Productivity Study
Board
(79-300 & 79-301)

In response to a request for answers to questions regarding NRC's word processing and duplicating equipment and services, informed the requester that the FOIA applies only to requests for records, not requests for information.

Denied

Richard Hubbard,
MHB Technical Associates
(79-218)

In response to a request for documents exchanged between AEC/NRC and the Italian government, relating to probabilistic techniques for reactor safety evaluation, made available two documents. Continued to withhold portions of one document containing information given in confidence by a foreign regulatory agency concerning a confidential and proprietary method.

Jeannie Peterson,
American Friends
Service Committee
(79-222)

In response to a request for "strip charts" prepared for transport of special nuclear material, copies of supporting documents identifying "safe havens," and copies of rules and regulations used in preparation of "strip charts," made available two documents and denied eight documents identifying procedures for safeguarding licensed special nuclear material.

(An NRC employee)
(79-A-4 & 79-A-7)

THE COMMISSION DENIED ON APPEAL a request for deleted portions of an OIA investigation report, and a letter from the EDO to [an NRC employee].

847 229

ENCLOSURE A

DIVISION OF CONTRACTS

Week Ending August 10, 1979

PROPOSALS UNDER EVALUATION

1. RFP RS-RES-79-193
Title - Steam Generator Tube Rupture Iodine Transport Mechanisms
Description - Under Task I, the contractor shall experimentally measure the amount of atomization and characterize the drop size distribution of superheated water flashing through a crack-like orifice into a saturated steam environment.

Under Task II, the contractor shall develop (or modify an existing) a computer program to model important iodine transport and removal mechanisms under steam generator tube rupture accident conditions.
Period of Performance - One year
Sponsor - Office of Nuclear Regulatory Research
Status - Negotiations completed. Best and Finals due August 15, 1979.
2. RFP RS-RES-79-200
Title - RES/PAS Fuel Cycle Review
Description - Technical assistance for peer review to critique the published products from the project, "Risk Assessment Methodology Development for Waste Isolation in Geologic Media" an ongoing study by Sandia Laboratories.
Period of Performance - Three years
Sponsor - Office of Nuclear Regulatory Research
Status - Solicitation closed August 8, 1979. Proposals to be distributed to Panel week of August 20, 1979.
3. RFP RS-RES-79-203
Title - NRC Monitor for Heissdampfreaktor Seismic Tests
Description - Assistance in monitoring earthquake investigations at the superheated steam reactor (Heissdampfreaktor) at the Karlsruhe Nuclear Research Center in Germany. The contractor shall assist in formulation of pretest predictions and observation of intermediate level explosive, shaker and snap back tests.
Period of Performance - Two years
Sponsor - Office of Nuclear Regulatory Research
Status - Negotiations conducted week of August 6, 1979. Best and Finals due August 24, 1979.
4. RFP RS-RES-79-210
Title - Nuclear Reactor Crisis Management-Alternatives for Government Action
Description - To provide a listing and an evaluation of alternatives for Government action in nuclear crisis management based on experience in other industry and Government sectors. Provide comments on draft NRC-TMI Special Inquiry evaluation which deals with NRC's own emergency response.
Period of Performance - Four months
Sponsor - TMI Special Inquiry Staff (RES Funds)
Status - Recommendation for award approved by Designating Official and Contracting Office August 9, 1979.

847 230

CONTRACT AWARDS

NRC-04-79-209

Title - Human Factors Evaluation of Control Room Design and Operator Performance at TMI-2

Description - Evaluate control room design, operator training and selection, operator performance, and other factors which significantly influenced the sequence of events at TMI.

Period of Performance - Five months

Sponsor - TMI Special Inquiry Staff (RES Funds)

Status - Cost-plus-fixed-fee contract awarded to Essex Corporation in the amount of \$96,236.00

CANCELLATIONS

RFP RS-RES-79-183

Title - Limiting Conditions for Operations

Description - Develop a methodology to calculate allowable ratios of LCO's based on probabilistic approaches. To apply the methodology, system logic models such as fault trees will be constructed for specific safety systems in nuclear power plants and the allowable values for the LCO's will be calculated using available reliability data.

Period of Performance - Anticipated to be two years

Sponsor - Office of Nuclear Regulatory Research

Status - Solicitation cancelled by Program Office due to programmatic changes.

847 231

ENCLOSURE A

DIVISION OF SECURITY
ITEMS OF INTEREST
WEEK ENDING AUGUST 10, 1979

VISIT BY THE INFORMATION SECURITY OVERSIGHT OFFICE ON AUGUST 7, 1979

The Nuclear Regulatory Commission was visited on August 7, 1979 by representatives of the Information Security Oversight Office (ISOO). The purpose of the visit was to audit NRC's implementation and progress under Executive Order 12065 as provided for in the Executive Order.

The audit team inspected files in the Office of Nuclear Material Safety and Safeguards and International Programs for correctness of classification and classification markings on documents. Additionally, they reviewed the TOP SECRET Control System and TOP SECRET documents maintained by the Central TOP SECRET Control Officer in the Division of Security.

It is expected that the ISOO audit team will prepare and submit to NRC a report of their findings and recommendations.

MEETING WITH SUPERVISOR, TVA POWER SECURITY SECTION

The Director, Division of Security, met with the Supervisor, Tennessee Valley Authority (TVA) Power Security Section, on Tuesday, August 7, to discuss matters of mutual security interest.

847 232

OFFICE OF NUCLEAR REACTOR REGULATION

WEEKLY ITEMS OF INTEREST

(Week Ending August 10, 1979)

Point Beach Nuclear Plant, Units 1 and 2

The initial fire protection SER was issued on August 2, 1979 (Amendments 39 and 44). The licenses for Units 1 and 2 have been conditioned to require the completion of certain plant modifications to enhance the fire detection and suppression capabilities. Several items will require supplemental review. These include: fire brigade size and training, final decision approval of proposed modifications and six items listed in the SER as incomplete pending staff review of information which has been provided by the licensee. A supplement to the SER will be used to address these items.

Peach Bottom Unit Nos. 2 and 3

IE review of Philadelphia Electric Company's response to Bulletin 79-02 (base plates) identified 15 supports with safety factors between 1 and 2 based on analytical results. The licensee was requested to identify which of these supports are required for operation of the associated safety system. Of the identified deficiencies the most significant are 8 supports associated with the Emergency Cooling Water to the Diesel Generators. The licensee met with the staff on August 2 to discuss the results of his investigation and the degree of conservatism that may exist in his analysis. He also discussed why both units should not be shutdown pending completion of modifications.

On August 3, 1979 OIE Region I issued an Immediate Action Letter to Philadelphia Electric Company regarding the base plate and anchor bolt analyses and testing results on Peach Bottom Units 2 and 3. The letter required the licensee to perform certain reevaluations and hardware modifications and to amend their response to Bulletin 79-02 by COB, Tuesday, August 7, 1979. This letter was a direct result of the additional information presented by the licensee at a meeting with the staff on August 2, 1979. The licensee responded by letter dated August 7, 1979 and reported that all required modifications have been completed.

Turkey Point, Unit Nos. 3 and 4

At approximately 8:00 on the morning of August 3, 1979, Turkey Point Units 3 and 4 and Hatch Unit 2 tripped from full power. While surveillance was being performed on its reactor protection system, Turkey Point 4 was tripped from full power by a voltage spike. With the Unit 4 startup transformer out of service for maintenance this resulted in a loss of offsite power for Unit 4. The subsequent non-essential load shedding included the control rod position indication for both Unit 3 and Unit 4. The loss of power to the control rod position indication for Unit 3 initiated a turbine runback and Unit 3 tripped

847 233

from full power on high reactor coolant pressure about 2 seconds after Unit 4 tripped. In addition, Unit 3 experienced a Power Operated Relief Valve opening for about 7 seconds. At about the same time the Turkey Point units tripped, Hatch 2 also tripped from full power. The tie line from Alabama Power to Florida was wheeling power at the time and the surge from Turkey Point trip is believed to have caused Hatch 2 to trip. As a result of these multiple trips, approximately 100,000 customers (250 MWe) were blacked out for about 20 minutes, until service could be restored.

St. Lucie was on line at the time, as was Crystal River 3. Neither of these two nuclear units tripped off the line. Crystal River 3 experienced a minor power surge from 40 to 47% power. Emergency Power functioned as required at Hatch and at Turkey Point nuclear stations.

On Sunday, August 5, 1979, Turkey Point 4 tripped while in the startup phase (about 75 MWe). This trip was recorded at Hatch 2 but did not cause a trip. The trip was caused by a faulty reset of the turbine overspeed after test.

We have reviewed the matter and find that consequences of the anticipated transients presented in the FSAR for Turkey Point are bounding and encompass this type of load rejection.

On August 3, 1979, the ASLB ordered that the untimely petition for hearing on the Steam Generator repair program should be granted. It was a split decision with Dr. David Hall dissenting.

Subjects considered acceptable for litigation are (1) preparation of an environmental impact statement, (2) protection of the stored assemblies from floods, (3) occupational exposure and, (4) liquid radioactive discharges due to the repair program.

The parties are urged to meet as promptly as possible to reach agreement on other contentions, possible stipulations and setting a schedule for discovery.

Zimmer Unit 1

On August 7, 1979 public hearings resumed on contentions dealing with alleged construction deficiencies.

847 234

OFFICE OF STANDARDS DEVELOPMENT

IMPORTANT EVENTS FOR THE WEEK ENDING AUGUST 10, 1979

1. By letter to Chairman Hendrie, dated August 6, 1979, Richard Cotton, Chair of the Interagency Task Force on the Health Effects of Ionizing Radiation, forwarded a copy of Secretary Califano's report to the White House on the Task Force effort. Secretary Califano generally supported all of the Task Force recommendations, but took a firm position recommending that EPA chair the proposed radiation policy council and recommending that a significant portion of research funding and management be transferred from DOE to NIH and other health and regulatory agencies.

The White House has requested Chairman Hendrie's response to the Califano memo by noon Tuesday, August 14, 1979.

HEW staff understands that the White House is drafting Executive Orders to implement the Califano recommendations.

[R. Purple - 443-5855]

Publications Issued During the Week of August 6-10, 1979

Reg. Guide 3.34, Rev. 1 - Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Nuclear Criticality in a Uranium Fuel Fabrication Plant [Issued to Reflect Comments]

Reg. Guide 3.35, Rev. 1 - Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Nuclear Criticality in a Plutonium Processing and Fuel Fabrication Plant [Issued to Reflect Comments]

Reg. Guide 1.145 - Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants [Issued for Comment]

Notice mailed to FES and Supplement 1 Distribution List (NUREG-0060) requesting additional public comments on NUREG-0060, "Final Generic Environmental Statement on Routine Use of Plutonium-Powered Cardiac Pacemakers", issued in July 1976, and Supplement 1 to the FES, "Update of Information on Power Sources for Pacemakers"

847 235

ENCLOSURE C

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Items of Interest

Week Ending August 10, 1979

Safeguards Consolidation

Final agreement has been reached between NRR and NMSS on the schedule for the transfer of all reactor safeguards activities to NMSS. The transfer will be coordinated during the next six weeks with formal assumption of responsibilities by NMSS planned for October 1, 1979. A transition team has been formed within the Division of Safeguards to implement this agreement.

Upgrade Rule Guidance Compendium

Work is continuing on the Physical Protection Upgrade Rule guidance. The first draft of the Information Request Sheets will be distributed for comment by August 10, 1979. The first draft of the Effectiveness Test Questionnaires is completed and will be distributed for comment shortly.

Highway Routing of Radioactive Material Shipments

The staff is currently preparing comments on a paper, Review of NRC Recommendations to DOT on Highway Routing of Radioactive Material Shipments. This paper recommends that the Department of Transportation adopt rules to regulate routing practices for nuclear materials in transit. It has particular interest to the staff because of the interface between the proposed DOT regulations and the Spent Fuel Rule.

Safeguards Guidance Group

Appropriate branches have been requested to assign a representative to the Safeguards Guidance Group. The purpose of this group will be to assist licensees in using the Physical Protection Upgrade Rule guidance materials during the development of their upgraded physical security plans. It is anticipated that the group will commence its activities coincidentally with the publication of the Physical Protection Upgrade Rule.

Meeting with Exxon Nuclear and Babcock & Wilcox, Lynchburg

The Exxon Nuclear Company, Inc., in Richland, Washington and Babcock & Wilcox, Navy Nuclear Fuel Division in Lynchburg, Virginia were visited by safeguards licensing representatives to discuss unresolved MC&A licensing issues and a proposed expansion of the Exxon plant.

847 236

Scheduled Meeting with Nuclear Fuel Services

A management meeting with representatives of Nuclear Services, Inc., Erwin, Tennessee is scheduled for August 16 to discuss the NFS MC&A program.

White Mesa Uranium Mill Licensed

Following publication of a Final Environmental Statement and the required 30-day waiting period, the Uranium Recovery Licensing Branch issued a source material license to Energy Fuels Nuclear, Inc., on August 7, 1979. This license authorizes processing of uranium ore at the proposed mill to be located near Blanding in San Juan County, Utah. The mill will have a typical acid leach circuit designed to process about 2,000 tons of ore per day. The mill may produce as much as 800 tons of yellowcake per year over its anticipated 15-year operating life. Tailings will be disposed of in impoundment cells built, filled, and reclaimed in stages.

Teton - NEDCO Joint Venture, Proposed Leuenberger Site Project

On July 30, 1979, Teton Exploration Drilling, Inc., and Nuclear Exploration and Development Company jointly submitted to the Uranium Recovery Licensing Branch an application for a Source Material License to conduct a research and development test for the in-situ recovery of uranium. This would be a new facility that will evaluate in-situ mining techniques using multiple wells to leach a limited volume of mineralized formation. A uranium extraction plant will be used with up to four well field patterns. The facility will be located in Converse County, Wyoming.

Meeting with Chem-Nuclear Systems, Inc.

On August 7, Waste Management and Fuel Cycle staff met with representatives of Chem-Nuclear Systems, Inc. Chem-Nuclear Systems is beginning work on their upcoming license renewal for SNM burial at the Barnwell, South Carolina, waste burial site. Draft information and procedures to be used in the renewal application were discussed. Pending requests for license amendments were also discussed.

Meeting with Teledyne Energy Systems

On August 8, representatives of Teledyne Energy Systems (Protective Packaging Division) met with personnel from the Low-Level Waste Licensing Branch to discuss an improved urea-formaldehyde (UF) solidification system which they intend to market. The results of testing the firm's UF system and the characteristics of the simulated waste products were discussed.

847 237

Fuel Cycle Rule (10 CFR 51)

The Commission issued a final rule which calls for completion of the explanatory narrative by October 1 including analyses of integration time for dose assessment, "zero release" for long-term repository performance and cumulative impacts. The present narrative will require modification to handle these items.

The reports on radon emissions from uranium mines were reviewed with RES and BPNL and an action plan established for their completion by early September. This material is required before an upgraded value for radon can be established.

The dose assessment methodology being used for the overall update of the Environmental Survey was reviewed with RAB and the licensing branches and a uniform coordinated basis was established.

Ban of Spent Fuel through Portsmouth, Virginia

An affidavit by Mr. Charles MacDonald was filed with the U.S. District Court concerning a petition by the Virginia Sunshine Alliance to ban the import of spent fuel through the Port of Portsmouth, Va. The affidavit addressed the design, certification, tests of spent fuel casks, and studies of transportation impacts.

847 238

OFFICE OF INSPECTION AND ENFORCEMENT

Items of Interest

Week Ending August 10, 1979

1. Preliminary Notifications relating to the following actions were dispatched during the past week:
 - a. PNO-79-297A Three Mile Island Unit 1 - Liquid Discharge to Susquehanna River (Updated Information) - Sampling and analysis after termination of the tank discharge on July 26 indicated that the concentration discharged to the river was 10% of the maximum permissible concentration. (Closed)
 - b. PNO-79-304 Wolf Creek Unit 1 - Void in Secondary Shield Wall Concrete - A void was discovered in the reactor building secondary shield wall. Preliminary evaluation by the licensee indicates that the void can be repaired using previously approved procedures. (Closed)
 - c. PNO-79-305 Turkey Point Units 3 and 4; Hatch Unit 2 - Reactor Trips - All three units tripped from full power at about the same time. The interrelationship and sequence between the Turkey Point and Hatch trips are being evaluated by the licensees. (Closed)
 - d. PNO-79-306 Oconee Unit 1 - Reactor Trip on Loss of Feedwater Pressure Signal - The reactor tripped from 40% power due to the loss of a feedwater pressure signal from a main feedwater pump. The pump had been placed into service with the pressure switch incorrectly valved out. Feedwater was not interrupted to the steam generators. (Closed)
 - e. PNO-79-307 Point Beach Unit 1 - Steam Generator Tube Leak - The reactor was cooled down following discovery of a leak in a steam generator. The licensee planned to test both steam generators during the shutdown. (Closed)
 - f. PNO-79-308 Earthquake - An earthquake of 5.9 on the Richter scale occurred in California on August 6. Humboldt Bay, Diablo Canyon and Rancho Seco power plants did not sense a tremor. (Closed)
 - g. PNO-79-309 Marble Hill Units 1 and 2 - Stoppage of All Safety Related Work - On August 6, the licensee stopped all safety related work at Marble Hill. Work is not to be resumed until controls have been upgraded to the satisfaction of the licensee and NRC. (Closed)
 - h. PNO-79-310 Sequoyah Unit 1 - Personnel Injury - An operator fell 30 feet to the reactor cavity floor and received two broken ankles and possible fracture of one leg and vertebra. (Closed)
 - i. PNO-79-311 Three Mile Island Unit 2 - Worker Overcome During Respirator Usage - An employee fainted while wearing supplied air respiratory protection equipment. The employee was taken to a hospital. After examination, the employee was released. The employee and an ambulance attendant returned to the site for decontamination. (Closed)

947 237
ENCLOSURE E

- j. PNO-79-312 Allegations Made Against Southwest Research Institute, San Antonio, Texas - A former employee of Southwest Research Institute made allegations of falsified records involving work performed at Brunswick, Turkey Point, Big Rock Point, and Pilgrim. An investigation will be conducted. (Closed)
- k. PNO-79-313 & 313A Turkey Point Units 3 and 4 - Damage to Holdup Tank - A holdup tank used to collect reactor coolant volume changes collapsed, apparently by a vacuum having been pulled on the tank. Unit 3 was shut down to repair valves that led to the vacuum. (Closed)
- l. PNO-79-314 Three Mile Island Unit 2 - Containment Penetration for Sampling - The licensee has made preparations to provide a direct sampling capability in the containment while maintaining constant containment isolation. (Closed)
- m. PNO-79-315 Millstone Unit 2 - Unscheduled Shutdown - The unit was shutdown to repair a nonisolable steam leak, apparently in the steam supply to the Auxiliary Feedwater Turbine Driven Pump. (Closed)
- n. PNO-79-316 Public Meeting in West Chicago, Illinois to Discuss Kerr-McGee's Proposed Decommissioning Plan - A public meeting was held on August 8 to discuss a new decommissioning plan for the Kerr-McGee West Chicago facility. (Closed)
- o. PNO-79-317 Tri-State Depot at Seneca, Illinois - Liquid Dripping From Truck Carrying Solid Waste From the Fermi Laboratory - Employees observed liquid dripping from a truck carrying solid radioactive waste from the DOE Fermi Laboratory. DOE was informed and responded. (Closed)
- p. PNO-79-318 Oconee Units 1, 2, and 3 - Seismic Loadings for Design of Hangers - The licensee discovered that safety system hangers may not be designed using design basis earthquake loads. The licensee is working with his contractors to resolve this problem. (Closed)
- q. PNO-79-319 Three Mile Island Unit 2 - Shipment of Compacted Low Specific Activity (LSA) Trash from TMI Unit 2 - On August 7, 1979, the first shipment of radioactive waste was made since the March 28, 1979 accident. The shipment is destined for a burial facility at Hanford, Washington. (Closed)
- r. PNO-79-320 Palisades - Possible Liquid Contained in Compacted Radioactive Trash Shipment - A shipment of radioactive waste from Palisades was found to be leaking on arrival at the Barnwell, SC burial site. Subsequent monitoring of the liquid indicated no radioactivity. (Closed)
- s. PNO-79-321 University of California at Los Angeles Research Reactor - Radioactive Contamination at Research Reactor Facility - A pneumatically operated transfer system became contaminated. About a week after the equipment had been cleaned up, a television news crew visited the facility to film a reported contamination incident. (Closed)

847 240

- t. PNO-79-322 Nuclear Fuel Services, Erwin, TN - UF-6 Release - A minor release of UF-6 to the environment occurred due to a broken line in the high enriched fuel fabrication process. No personnel exposures were suspected, but bioassay samples were collected. (Closed)
 - u. PNO-79-323 Kerr-McGee Corporation - Limited Decontamination Work - The licensee has requested permission to perform limited decontamination work of the West Chicago facility. Region III (Chicago) is reviewing the licensee's plan. (Closed)
 - v. PNO-79-324 Vermont Yankee - Unscheduled Shutdown - The plant was shutdown on August 9, 1979 due to excessive leakage to the drywell. (Closed)
 - w. PNO-79-325 Medical Delivery Services, Inc., New York - Packages Containing Radioactive Material Stolen from Delivery Truck - On August 9, four packages containing radiopharmaceuticals were stolen from a delivery truck in New York City. Officials of New York City are investigating. (Closed)
 - x. PNS-79-77A Nuclear Fuel Services, Erwin, TN - Conclusion of Operators Strike - The operators' strike ended on August 5 and the licensee returned to normal operations the following day. (Closed)
 - y. PNS-79-85 Sequoyah Units 1 and 2 - Bomb Threat - Both units were evacuated and a search was conducted with negative results. (Closed)
 - z. PNS-79-86 Indian Point Unit 3 - Swimmers in Scuba Gear, Observed on Beachfront - A swimmer in scuba gear was observed near Indian Point Unit 3. Although no attempt was made to enter the site, a subsequent newspaper article contained incorrect statements that attempts were made to cut the chain link fence and enter the site. (Closed)
2. The following IE Bulletins were issued:
- a. IE Bulletin 79-18, "Audibility Problems Encountered on Evacuation of Personnel from High-Noise Areas," was issued on August 7, 1979 to all power reactor facilities with operating licenses.
 - b. IE Bulletin 79-19, "Packaging of Low-Level Radioactive Waste for Transport and Burial," was issued on August 10, 1979 to all power and research reactors with operating licenses, fuel facilities except uranium mills, and materials licensees who generate or are likely to generate waste.
 - c. IE Bulletin 79-20, "Packaging Transport and Burial of Low-Level Radioactive Waste," was issued on August 10, 1979 to all materials licensees who did not receive IE Bulletin 79-19.
3. The following IE Circular was issued:

347 241

- a. IE Circular 79-15, "Bursting of High Pressure Hose and Malfunction of Relief Valve and 'O' Ring in Certain Self-Contained Breathing Apparatus," was issued on August 8, 1979 to all Materials Priority I, fuel cycle, and operating power reactor licensees.

847 242

ENCLOSURE E

OFFICE OF THE EXECUTIVE LEGAL DIRECTOR

ITEMS OF INTEREST

FOR THE WEEK ENDING AUGUST 10, 1979

Seabrook Station, Units 1 and 2

On August 6, the Appeal Board (ALAB-557) made final its previously stated intention (ALAB-548, May 14, 1979) to suspend further consideration of the alternate site issue on the ground of mootness. This action was based on the affirmance of EPA's approval of once-through cooling for Seabrook by the U.S. Court of Appeals for the 1st Circuit in Seacoast Anti-Pollution League v. Costle, F.2d ____ (No. 78-1339), and the fact that certiorari of the 1st Circuit decision had not been sought.

Three Mile Island Nuclear Station, Unit 1

On August 9, the Commission issued an Order and Notice of Hearing relating to Three Mile Island Unit No. 1. In its Order, the Commission provided a detailed statement of the concerns which prompted the July 2, 1979 Commission Order requiring that the facility remain in cold shutdown condition until further Commission Order following a hearing. The August 9 Order identifies certain concerns which must be resolved and actions which must be completed prior to restart of the facility, as well as certain additional concerns and "long-term" actions which must be addressed in a timely manner, although not necessarily prior to resumption of operation (reasonable progress toward their completion is required prior to any restart of the facility). Provision is made for interested persons to petition to intervene by September 4, 1979 and an Atomic Safety and Licensing Board is designated to conduct an adjudicatory hearing on the issues identified in the Order. The hearing is to focus first on issues relating to restart of the facility and a Board decision on these issues is required prior to any motions to the Commission to lift the immediate effectiveness of the suspension of operation. The hearing will essentially follow the procedures used in licensing proceedings, and the Board's decision will be directly certified by the Commission itself for review. The requirements to be met prior to restart relate to responses to feedwater transients, operator training, emergency preparedness, interaction between systems at Units 1 and 2, managerial and technical qualifications, financial qualifications, and the issues raised in NUREG-0578 (Short-Term TMI Lessons Learned Task Force Report). In addition, the Commission states it is uncertain whether psychological distress and other issues arising from the impact of the TMI accident but unrelated directly to radiation exposure are legally relevant to the proceeding, and requires that anyone wishing to litigate those issues brief the question, which will be resolved by certification to the Commission.

ENCLOSURE G

847 243

ITEMS OF INTEREST
OFFICE OF INTERNATIONAL PROGRAMS
WEEK ENDING AUGUST 10, 1979

EXPORT/IMPORT AND INTERNATIONAL SAFEGUARDS

Meeting with Austrian Official on Export Policy

On July 30, Dr. Friedrich Schmidt, an official in the Austrian Federal Chancellery, visited IP to discuss matters related to U.S. nuclear export policy and Austria's nuclear program. The major topic of discussion was export license application XSNM-1428, for high enriched uranium for the ASTRA research reactor at Seibersdorf. Other topics included the NRC policy of requiring written assurances regarding physical security in connection with U.S. exports, and the future of Austria's nuclear programs. A classified memorandum of conversation on this meeting has been forwarded to the Commission.

847 244

ENCLOSURE H

OFFICE OF STATE PROGRAMS

ITEMS OF INTEREST

WEEK ENDING AUGUST 10, 1979

General

Governor John D. Rockefeller IV has appointed John D. Anderson III, Director of the Office of Emergency Services, State Liaison Officer for the State of West Virginia. There are now 51 State Liaison Officers appointed by the Governors to the NRC: 50 States as well as the Commonwealth of Puerto Rico.

Emergency Preparedness

H. Gaut, SP presented a paper prepared by H.E. Collins, SP, at the 9th biennial meeting of the ANS Reactor Operations Division in Dallas, Texas on August 8. The title of the paper was, "Prespectives, Problems and Progress in State and Local Government Radiological Emergency Response Planning in Support of Fixed Nuclear Facilities."

Mr. Collins, SP, Mr. Roger Blond, RES, and Mr. Floyd Galpin, EPA-ORP, briefed the ACRS, August 9, on the recommendations of the NRC/EPA Task Force on Emergency Planning report (NUREG-0396/EPA 520/1-78-016) and a proposed policy statement on these recommendations submitted recently for Commission action.

Effort has begun to develop additional guidance for radiological emergency response planning at the county/local level. Input will be sought from National Associations as well as the localities themselves. The effort may result in a simple local plan.

State Agreements

The USDOT, Bureau of Motor Carrier Safety, requested assistance in obtaining equipment and training for DOT inspectors for inspecting radioactive material shipments. With the assistance of NRC:V (which has had inspectors present at the Beatty, Nevada, low level burial site) advice was provided on suitable radiation detection equipment. With respect to training and in collaboration with NMSS, Material Safety and Licensing, a suggested course outline was developed. The course will be organized and presented by a DOT contractor. NRC will be invited to participate in the course.

Ten States through which a shipment of TMI-Unit 2 rad waste is travelling through were given advance notice of the shipment. The truck left the TMI site late afternoon August 7 and will travel through Pennsylvania, Ohio, Indiana, Illinois, Wisconsin, Minnesota, North Dakota, Montana, Idaho and

847 245

ENCLOSURE I

Washington. It is destined for the Hanford, Washington low level radioactive waste burial site. Directors of the State Radiation Control Programs (or designees) and State Liaison Officers were given early notice of the shipment August 6 and 7 and follow-up notices conveying details of the shipment were given on August 7, 1979. Until further notice, States through which TMI rad waste shipments will traverse will be given advance notice of each individual shipment.

Notice of Non-Routine Events in an Agreement State No. 79-22 was issued reporting a possible whole body dose of 260 rem received by a radiographer's assistant in Texas. Texas is investigating.

847 246

ENCLOSURE I

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Items of Interest

WEEK ENDING - AUGUST 10, 1979

FY 1980 Authorization Bills

For the EDO, completed a comparative analysis of the bills to identify specific tasks and requirements due to the Congress. A summary of the comparison was sent to Office Directors asking them to identify the individuals who will be assigned to accomplish those tasks.

Seismic Qualification System

Established a data base to provide information on seismic qualification of mechanical and electrical equipment. These data will be used initially by NRR's Seismic Qualification Review Team and in completing Phase 2 of the Systematic Evaluation Program. The data base will also be beneficial to MPA, IE, RES, and other branches of NRR in evaluating LERs.

Fire Protection Action Plan

The final issue of this publication was sent to the printer. In the future, information on fire protection will be picked up as a crosscutting issue and progress will be followed in the decision unit tracking system.

847 247

Office of the Controller

Items of Interest

Week Ending August 10, 1979

FY 1979 REPROGRAMMING

Approvals have been received from all five Congressional Committees. Financial plans and allotments reflecting these changes have been issued.

FY 1981-1983 BUDGET AND FY 1980 SUPPLEMENTAL

Final Commission marks have been received and have been provided to each office. The redo of the budget justifications for submission to OMB are due to the Division of Budget by COB, Thursday, August 16, 1979.

847 248

CALENDAR OF SIGNIFICANT EVENTS

TWO WEEK PERIOD ENDING AUGUST 27, 1979

August 13, 1979	Shearon Harris 1-4	Site visit by Geosciences Branch to inspect rock fill test section, constructed to evaluate engineering properties of the rock fill for the main dam.
August 17, 1979	Salem 2	Meeting with applicant to discuss Bulletin 79-02.
August 22-23, 1979	Grand Gulf 1 & 2	Case Forecast Panel Meeting.
August 27, 1979	Skagit 1 & 2	Hearings to resume on safety contentions except geology/seismology and loose parts monitor.

847 249

ENCLOSURE L

CALENDAR OF SPEAKING ENGAGEMENTS

SEPTEMBER

- September 12-13 Nuclear Records Management Association Symposium,
San Francisco, CA - Two RV Staff Personnel to Participate
on a NRC Panel for two Question/Answer Sessions
- September 16 ANS Topical Conference on Decontamination and
Decommissioning of Nuclear Facilities, Sun Valley, ID,
ID - Residual Activity Limits for Unrestricted Release
from Decommissioning - E. Conti

847 250